

Radio-Astronomical Investigations of Motions and
Dimensions of the Small-Scale Irregularities in
the Interplanetary Plasma, by V. V. Vitkevich,
V. I. Vlasov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 3,
1968, pp 572-574.

Am Inst Phys

Vol 13 , No 7 , Jan , 1969

Jan 69

374-105

Fundamental Parameters of the Vibrational Raman
Spectra of Cyclic Polydimethylsiloxanes, by
I. F. Kovalev, L. A. Ozolin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol, 181, No 3,
July ,1968, pp 577-580.
Am Inst Phys
Vol 13, No 7, Jan, 1969

Feb 69

374-127

Conditions For Admissibility of Mass Distributions of
Unstable Particles , by L. A. Khalfin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 3,
July ,1968, pp584-586.
Am Inst Phys
Vol 13, No 7 , Jan, 1969

Feb 69

374-129

Anisotropy of Adsorption Loss of Strength of a
Single Crystal of Zinc, by B. D. Summ,
G. I. Den'shchikova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181 , No 3,
July, 1968, pp 587-590.
Am Inst Phys
Vol 13, No 7, Jan, 1969

Feb 69

374-138

Cryatal Structure of K, Y, Triorthosilicate
 $K_3Y[Si_3O_8(OH)_2]$, By B. A. Maksimov, V. V. Ilyukhin.
RUSSIAN , per, Dok Ak Nauk SSSR, Vol 181 , No 3,
July, 1968, pp 591-594.
Am Inst Phys
Vol 13, No 7, Jan , 1969

Jan 69

374-109

Am Inst Phys

Polymerization of Maleic Anhydride. Properties and
Structural Formation of Polymaleic Acid and its
Salts, by Zh. G. Zatsepina, 7 pp.

GOVERNMENT USE ONLY

RUSSIAN, per, Doklady Akademiy Nauk SSSR, Vol 181,
No 5, 1968, pp 607-609.

ARM/FSTC/HT-23-144-70

Sci/Chem

405,604

Apr 70

A Study of the Structure of Inorganic Glasses
and Glass Fibers by Nuclear Gamma Resonance, by
G. M. Bartenev, A. D. Tsyganov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 3,
1968, pp 627-629.
CB

Mar 69

377,603

Low-Temperature Selective Adsorption of the
Ortho-Para-Modifications of H₂ and D₂, by
Yu. P. Blagoy, B. N. Zimoglyad.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 3,
1968, pp 630-633.
CB

Mar 69

377,604

Diffusion Kinetics of First-Order Reactions in
Multicomponent Systems, by V. K. Yegerev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 3,
July, 1968, pp 634-636.
CB

Mar 69

377,605

The Role of Flame Radiation During the Burning
of Metallized Mixtures, by A. A. Zenin,
A. P. Glazkova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 3,
July, 1968, pp 637-639.

Mar 69

377,606

Kinetics of the Isomerization of Pseudocumene
Over an Aluminosilicate Catalyst, by
G. M. Mamedalyev, A. M. Brodskiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 3,
July, 1968, pp 640-643.
CB

Mar 69

377,607

Thermal Dissociation of Nitrogen and Synthesis of
Ammonia From Atomic Nitrogen on Pure Iron, by
I. I. Tret'yakov, B. R. Shub.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 3,
July, 1968, pp 648-651.
CB

Mar 69

377,608

EPR Spectra of Oxidation Products of Anions of
Certain 4,4' - Disubstituted Diphenylmethanes,
by B. I. Shapiro, V. M. Kazakova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 3,
July, 1968, pp 652-654.
CB

Mar 69

377,609

Formation and Conversion of Radicals in Frozen
Aqueous Solutions of Starch Under the Action of
the γ Rays of Co^{60} , by V. A. Sharpatyl,
M. T. Nadzhimiddinova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 3,
July, 1968, pp 655-657.
CB

Mar 69

377,610

Stabilization of Polymerizing Emulsions by
Polyelectrolytic Dispersers, by A. I. Yurzhenko,
I. A. Andor.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 3,
July, 1968, pp 658-661.

CB

Mar 69

377,611

Microstructure of Porous Refractory
Periclase Spinel, by P. P. Budnikov
RUSSIAN, per, Dok Ak Nauk SSSR, Chem
Tech., Vol 181, No 3, Jul 1968,
pp 662-664.
CB

Nov 70

Hardening of Concentrated $\text{CaO-MgO-Al}_2\text{O}_3\text{-SiO}_2$ Dispersions by Hydration in an Autoclave, by A. A. Govorov
RUSSIAN, per, Dok Ak Nauk SSSR, Chem
Tech., Vol 181, No 3, Jul 1968,
pp 665-668.
CB

Nov 70

Reaction of Exchange Decomposition of
Substituted Phenyl-N-Phenylcarbamates
With n-Hexanol in o-Dichlorobenzene,

by G. O. Sal'nikova

RUSSIAN, per, Dok Ak Nauk SSSR, Chem
Tech., Vol 181, No 3, Jul 1968,
pp 669-672.

CB

Nov 70

New Information on the Folded Basement in the
Shirotnaya Ob Region of the West Siberian Plain,
by V. S. Bochkarev, F. Z. Yagofarova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 3,
1968, pp 676-678.
AGI

Apr 69

378,719

Stratigraphy of the Lower Cretaceous Near the
Village of Yargara (South of the Moldavian SSR),
by P. D. Bukatchuk, G. A. Yanovskaya.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 3,
1968, pp 679-680.
AGI

Apr 69

378,720

Clay Partings in Petropavlovskiy Limestone in the
Severo-Ural'sk Bauxite Field as Indices of the
Stages of Development of Residuum on Adjacent
Land, by P. K. Vinokurov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 3,
1968, pp 681-683.

AGI

Apr 69

378,721

310,721

Relationship Between Catagenesis, Tectonics and Oil
in Structures of the Salym Uplift, Western Siberian,
by Ye. V. Volkov, V. I. Gorshkov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 3,
1968, pp 684-687.

AGI

Apr 69

378,722

Lower Turonian of Tuarkyr and Contiguous Districts,
by V. I. Kuznetsov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 3,
1968, pp 688-690.

AGI

Apr 69

378,723

Radiation Defect Etch Figures in Minerals, by
A. N. Komarov, N. V. Skovorodkin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 3,
1968, pp 691-694.
AGI

Apr 69

378,943

Gumbelite, An Indicator of a High Degree of
Sedimentary-Rock Alteration, by R. A. Korysheva.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 3,
1968, pp 695-697.
AGI

Apr 69

378,944

Hyaloclastite of the Karadag Volcanic Group,
Crimea, by V. I. Lebedinskiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 3,
1968, pp 698-701.
AGI

Apr 69

378,956

Triclinicity and Ordering of Potassic Feldspar in
the Precambrian Granites of Tsymyr, by
L. V. Makhlayev, A. F. Korotkevich.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 3,
1968, pp 702-705.
AGI

Apr 69

378,957

An Estimate of the Alkalinity of Granitoid Rocks,
by I. V. Nosyrev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 3,
1968, pp 706-709.

AGI

Apr 69

378,958

Correlation Between Composition of Intrusions and
Lithofacies of Host Formations in the Basic and
Ultrabasic Plutons of Kanchatka, by

S. A. Shcheka, G. M. Starkov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 3,
1968, pp 710-713.

AGI

Apr 69

378,959

Mode of Origin of the Heavy Phase in the
Hydrothermal Growth of Quartz, by I. G. Ganeyev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 3,
1968, pp 714-715.
AGI

Apr 69

378,972

Role of Atmospheric Precipitation in the Rotation
of Chemical Elements Between the Atmosphere and
Lithosphere, by V. P. Zverev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 3,
1968, pp 716-719.

AGI

Apr 69

378,973

Relation of Syngenetic Bituminosity to Mineral-
Geochemical Facies in the Jurassic of the Buried
Karpinskiy Ridge, by G. I. Teodorovich,
A. I. Konyukhov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 3,
1968, pp 720-722.

AGI

Apr 69

378,974

310,914

Distribution of the Benthic Vegetation in Lake
Baikal, by G. I. Popovskaya.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,
Vol 181, No 3, July 1968, pp 723-726.

CB

Jan 71

The Effect of Prolonged Cultivation of Baroto-
lerant Bacteria Under High Pressure on Their
Ability to Grow in These Conditions, by
M. D. Chumak.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,
Vol 181, No 3, July 1968, pp 727-729.

CB

Jan 71

Investigation of Membranes of Cell
Organelles by the Paramagnetic-Probe
Method, by V. K. Kol'tover
RUSSIAN, per, Dok Ak Nauk SSSR, Biophys.
Vol 181, No 3, Jul 1968, pp 730-732.
CB

Oct 70

Long Afterglow of Chlorophyll in Plants
and Energy Traps in Photosynthesis,
by F. F. Litvin
RUSSIAN, per, Dok Ak Nauk SSSR, Biophys.,
Vol 181, No 3, Jul 1968, pp 733-736.
CB

Oct 70

Synthesis of Peptides, Heterocyclic
Compounds, and Amino Acids in an Ultra-
sonic Field, by I. Ye. Yel'piner
RUSSIAN, per, Dok Ak Nauk SSSR, Biophys.,
Vol 181, No 3, Jul 1968, pp 737-740.
CB

Oct 70

Deamination of Adenine and of Some of Its
Derivatives by Cell-Free Extracts of Azoto-
bacter vinelandii, by B. Ye. Kirshteine.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem, Vol 181,
No 3, Jul 1968, pp 741-743.
CB

Nov 70

Models of Prebiological Selection of Supra-molecular Systems (Coacervate Droplets), by

A. I. Oparin.

RUSSIAN, per, Dok Ak Nauk SSSR, Biochem, Vol 181, No 3, Jul 1968, pp 744-746.

CB

Nov 70

Structure of Peptidyldiphosphatidylglycerol
from the Lamellae of Bean Chloroplasts, by
V. S. Chigirev.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem, Vol 181,
No 3, Jul 1968, pp 747-749.
CB

Nov 70

Electrophysiological and Functional
Activity of the Nectaries of Lime on
Mechanical Stimulation, by G. P. Molotok
RUSSIAN, per, Dok Ak Nauk SSSR, Bot Sci.,
Vol 181, No 3, Jul 1968, pp 750-753.
CB

Nov 70

Autoradiography of Regenerating Skin Under
Different Experimental Conditions, by

A. I. Bukhonova.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,
Vol 181, No 3, July 1968, pp 754-757.

CB

Jan 71

Biosynthesis of Liver Histones in Rats at
Different Periods of Ontogenesis, by
Ye. A. Rapoport.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,
Vol 181, No 3, July 1968, pp 758-761.
CB

Jan 71

Gradients in Appearance of Primitive Temporal
Follicles in Sturgeons, by N. I. Dragomirov.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,
Vol 181, No 3, July 1968, pp 762-764.
CB

Jan 71

Mode of Liberation of Secretion from Adenohypophyseal Cells in Tadpoles, by A. A. Voitkevich.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,
Vol 181, No 3, July 1968, pp 765-768.

CB

Jan 71

Analytic Continuity and Functional Equation
for Zeta-Functions With Nonabelian Characters
of Simple Algebras Over Number Fields, by
A. N. Andrianov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181,
No 4, 1968, pp 775-777.
Am Math Society
Vol 9, No 4, 1968

Jan 69

371,246

Multiplicative Functions of "Shifted" Primes,
by M. B. Barban, B. V. Levin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181,
No 4, 1968, pp 778-780.
Am Math Society
Vol 9, No 4, 1968

Jan 69

371,247

Uniform Convergence of Frequencies of Occurrence
of Events to Their Probabilities, by

V. N. Vapnik, A. Ja. Cervonenkis.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181,
No 4, 1968, pp 781-783.

Am Math Society

Vol 9, No 4, 1968

Jan 69

371,248

Degenerating Linear Differential Equations in
Banach Space, by V. P. Glusko, S. G. Krein.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181,
No 4, 1968, pp 784-787.
Am Math Society
Vol 9, No 4, 1968

Jan 69

371,249

General Boundary Value Problem For a System of
Equations of Composite Type, by A. Dzuraev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181,
No 4, 1968, pp 788-791.
Am Math Society
Vol 9, No 4, 1968

Jan 69

371,250

Garding's Inequality For Degenerating Elliptic
Operators, by I. A. Kiprijanov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181,
No 4, 1968, pp 792-794.
Am Math Society
Vol 9, No 4, 1968

Jan 69

371,251

A Contribution to the Theory of Semisyn-
topogenic Spaces, by V. V. Maslov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181,
No 4, 1968, pp 795-797.

Am Math Society

Vol 9, No 4, 1968

Jan 69

371,252

The Cauchy Problem For a Second-Order Hyperbolic Equation Degenerating on the Initial Hyperplane, by A. B. Nersesjan.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 4, 1968, pp 798-801.

Am Math Society
Vol 9, No 4, 1968

Jan 69

371,253

An Apriori Estimate For the Principal Radii of
Curvature of a Closed Convex Hypersurface in
Terms of its Gaussian Curvature, by

A. V. Pogorelov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181,
No 4, 1968, pp 802-804.

Am Math Society

Vol 9, No 4, 1968

Jan 69

371,254

Stability of Small Periodic Solutions in Multi-
dimensional Degenerations, by T. Sabirov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181,
No 4, 1968, pp 805-807.
Am Math Society
Vol 9, No 4, 1968

Jan 69

371,255

Necessary and Sufficient Conditions For
Stability of Two-Level Difference Schemes,
by A. A. Samarskii.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181,
No 4, 1968, pp 808-811.

Am Math Society
Vol 9, No 4, 1968

Jan 69

371,256

A Fourier Transform Method For Functional
Differential Equations, by S. V. Fomin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181,
No 4, 1968, pp 812-814.
Am Math Society
Vol 9, No 4, 1968

Jan 69

371,257

A Second Approximation in the Theory of Asymptotic
Damping of Disturbances in Supersonic Flow of a
Viscous Heat-Conducting Gas, by V. N. Diyesperov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 4,
August, 1968, pp 815-818.
The Am Inst of Phys
Vol 13, No 8, Feb 1969.

Mar 69

377,635

Spherical Sound Waves in Riemannian Space, by
K. P. Stanyukovich.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 4,
August 1968, pp 819-822.

The Am Inst of Phys

Vol 13, No 8, Feb 1969.

Mar 69

377,641

Measurement of Drop Density of Structurally
Modified Water, by B. V. Deryagin, D. S. Lychnikov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 4,
August, 1968, pp 823-826.
The Am Inst of Phys
Vol 13, No 8, Feb 1969.

Exp. 8. Deryagin D. S. Lychnikov - 1968

Mar 69

377,645

DC

22651

11 Oct 68 SF

a) B.P. Konstantinov - Analysis of the chemical composition of the lunar surface by direct methods,

b) Destruction of developing cunuli by artificially-created downward currents by N.I. Val'fson,

RUSSIAN, per, Doklady Akademii Nauk SSSR, Moscow, 181, No.4, 1 Aug 68, a) pp 827-829, b) 855-857,

USSR/Sci- Publish as separate reports,

repro graphics

T.D. 22 Oct 68

JFRS 46716

source- do not mutilate per

Analysis of the Chemical Composition of Lunar
Surface by Direct Methods, by B. P. Konstantinov,
M. M. Bredov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 4,
August, 1968, pp 827-829.

The Am Inst of Phys
Vol 13, No 8, 1969.

TPRS 46715

Mar 69

377,646

Perturbation Theory of Polarization in Resonance
Media, by N. N. Rozanov, A. V. Tulub.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 4,
August, 1968, pp 830-832.
The Am Inst of Physics
Vol 13, No 8, Feb, 1969.

Mar 69

377,647

Ion Motion in a Partly Ionized Gas in a Constant
Electric Field, B. M. Smirnov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 4,
August, 1968, pp 833-836.

The Am Inst of Phys

Vol 13, No 8, 1969.

Mar 69

377,648

Empirical Mass Relationships for Resonant States,
by D. V. Shirkov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 4,
August, 1968, pp 837-839.

The Am Inst of Phys

Vol 13, No 8, 1969

Mar 69

377,649

Experimental Studies on the Threshold Pressure
Gradients During Liquid Flow in Capillaries, by
N. F. Bondarenko, V. G. Karmanov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 4,
August, 1968, pp 840-843.
The Am Inst of Phys
Vol 13, No 8, 1969.

Mar 69

377,654

Place of Preferred Nucleation of Austenite in the
Structure of Iron-Carbon Alloys, by B. I. Bruk,
Z. I. Kusnitsyna.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 4,
August, 1968, pp 844-847.

The Am Inst of Phys

Vol 13, No 8, 1969

Mar 69

377,655

Temperature Dependence of the Critical Shear
Stress of Aging Nickel Alloys, by G. I. Nosova,
N. T. Travina.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol 181, No 4,
August, 1968, pp 848-851.

The Am Inst of Phys

Vol 13, No 8, 1969.

Mar 69

377,656

Comparison of the Degrees of Equilibrium
Destruction of Structural During Flow of Oriented
Liquids, by P. F. Ovchinnikov, N. V. Mikhaylov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 4,
August, 1968, pp 852-854.
The Am Inst of Phys
Vol 13, No 8, 1969.

Mar 69

377,657

Dispersion of Developing Cumulus Clouds by
Artificially Created Down Currents, by N. I. Vul'fson,
L. M. Levin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 4,
1968, pp 855-857.

AGI

Apr 69

378,700

Crystal Optics Taking into Account the
Magnetoelectric Effect, by V. N. Lyubimov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 4,
August, 1968, pp 858-861.
The Am Inst of Phys
Vol 13, No 8, Feb 1969.

Mar 69

377,636

311,030

Crystallochemical Laws of the Formation of
Spectrometric Scintillators Based on Alkali-
Halide Crystals, by L. M. Shamovskiy,
A. D. Shushkanov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 4,
August, 1968, pp 862-865.
The Am Inst of Phys
Vol 13, No 8, Feb 1969.

Mar 69

377,637

Interaction of Methyl Ester of Ethylene
Glycol Phosphorous Acid With Diene
Hydrocarbons, by Zh. L. Yevtikhov,
N. A. Razumova, 8 pp.
RUSSIAN, per, Doklady Akademii Nauk SSSR,
Moscow, Vol 181, No 4, 1968, pp 877-880.
JPRS 46788

N. A. RAZUMOVA

Sci/Chem
Nov 68

353,122

Spectral Characteristics and Reactivity
of Carboxylic, Phosphonic, Phosphinic and
Sulfo Acid Halides, by A. A. Neymysheva,
I. L. Knunyants, 9 pp.
RUSSIAN, per, Doklady Akademii Nauk SSSR,
Moscow, Vol 181, No 4, 1968, pp 888-891.
JPRS 46788

Sci/Chem
Nov 68

353,123

Infrared Spectra of Barenyl Derivatives of Elements
of Groups IVB and VB, by V. I. Bregadze,
N. A. Chumayevskiy.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 4,
August, 1968, pp 910-913.

CB

Mar 69

377,612

The Nature of Acid Centers on Silicate Surfaces,
by L. A. Ignat'eva, V. F. Kiselev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 4,
August, 1968, pp 914-917.

CB

Mar 69

377,613

Effect of Temperature on the Infrared Spectra
of Carbon Monoxide Chemisorbed on Rhodium,
Iridium, and Platinum, by N. N. Kavtaradze,
N. P. Sokolova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 4,
1968, pp 918-920.

CB

Mar 69

377,614

Investigation of the Electronic Effects and
Intermolecular Coordination in n-Substituted
Phenolates and Thiophenolates of Triethyltin
by Methods of ν -Resonance and Infrared Spectroscopy,
by A. N. Nesmeyanov, V. I. Gol'danskiy.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 4,
August, 1968, pp 921-924.

CB

Mar 69

377,615

Structural Transitions in Iron-Cobalt Melts, by
Ye. S. Filippov, V. K. Grigorovich.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 4,
August, 1968, pp 925-927.
CB

Mar 69

377,616

Neutron Treatment of Clay Minerals
Having Different Crystal Structures,
by N. N. Kruglitskii
RUSSIAN, per, Dok Ak Nauk SSSR, Chem
Tech., Vol 181, No 4, Aug 1968,
pp 928-930.
CB

Nov 70

Variation in Paleogene-Neogene Boundary Structure
and Tectonics in the Black Sea Part of the
Russian Platform, by Yu. G. Yermakov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 4,
1968, pp 931-933.

AGI

Apr 69

378,724

Experimental Investigation of the Mode of Origin
of Basement Structures of the Mimusinsk Trough and
Its Fringe, by O. M. Zavgorodskiy.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 4,
1968, pp 934-937.

AGI

Apr 69

378,725

Allochthonous Metamorphic Rocks of Riphean Age
in the Sakmara Zone, Southern Urals, by
M. A. Kameletdinov, Yu. V. Kazantsev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 4,
1968, pp 938-941.
AGI

378,726

Apr 69

Origin of Distortions in the Vatulma Structure
Central Karelia, by A. S. Novikova,
V. G. Chakhmakhchev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 4,
1968, pp 942-945.
AGI

Apr 69

378,727

Submeridional Deep Faults and the Main Structural
Facies Zones of the North Black Sea Region, by
M. F. Nosovskiy, A. I. Gil'man.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 4,
1968, pp 946-949.
AGI

Apr 69

378,728

Marine Terraces on the Black Sea Coast of the
Caucasus Between Anapa and the Shakhe Estuary,
by A. B. Ostrovskiy.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 4,
1968, pp 950-952.

AGI

Apr 69

378,729

Experimental Reproduction of Cleavage on
Equivalent Material, by Ye. I. Patalakha.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 4,
1968, pp 953-955.
AGI

Apr 69

378,930

Features of the Gravity Field of Southern Kamchatka,
by O. I. Suprunenko, G. P. Dekin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 4,
1968, pp 956-959.

AGI

Apr 69

378,930

High Heat Flow in Drillhole No. 36 at the
Levoberezhnoye Polymetal Deposit (Central Uplift
of the Caucasus Anticlinorium), by
G. M. Sukharev, S. P. Vlasova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 4,
1968, pp 960-963.
AGI

Apr 69

378,931

Kinetics of the Hydrothermal Synthesis of Andradite
in The System $3\text{CaCO}_3\text{-Fe}_2\text{O}_3\text{-3SiO}_2$ Using a NaCl
Mineralizing Solution, by D. V. Kalinin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 4,
1968, pp 964-966.
AGI

Apr 69

378,945

Crystal Structure of Volborthite $\text{Cu}_3(\text{OH})_2\text{V}_2\text{O}_7 \cdot 2\text{H}_2\text{O}$,
by A. A. Kashayev, V. V. Bakakin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 4,
1968, pp 967-969.

AGI

Apr 69

378,946

Chemical Composition of the Archean Iyengra
Series of The Aldan Region and its Granitization
Products, by Ye. A. Kulish, A. I. Romashkin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 4,
1968, pp 970-971.
AGI

Apr 69

378,975

Features in the Specific Gravity Curves for Oil
From Wells in the Okha and Ekhabi Fields,
Northern Sakhalin, by S. M. Saprygin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 4,
1968, pp 972-975.
AGI

Apr 69

378,976

Abundance of Ga in Bauxite (As Related to the
Calculation of its New Average Content), by
V. A. Tenyakov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 4,
1968, pp 976-978.

AGI

Apr 69

378,977

The Correlation Between the Heat Resistance of the
Muscles of Female Moths of the Silkworm *Bombyx*
mori L. and the Capacity of Their Ovocytes for
Artificial Thermal Parthenogenesis, by
Ye. V. Rat'kin.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.
Vol 181, No 4, Aug 1968, pp 979-982.
CB

Jan 71

Repair of DNA Damage and Induction of Mutants
with Different DNA Composition in Escherichia
coli and Bacterium paracoli, by G. F. Gauze.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,
Vol 181, No 4, Aug 1968, pp 983-986.
CB

Jan 71

The Appearance of Antigens A and B in Cell
Cultures of Lines HeLa and Tg33 After Inter-
action with Live Human Spermatozoids, by
R. P. Popivanov.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,
Vol 181, No 4, Aug 1968, pp 987-988.

CB

Jan 71

Study of the Nucleotides of the Organelles and
Hyaloplasm of the Flagellate Strigomonas
oncopelti, by Wo Shih Han.

RUSSIAN, per, Dok Ak Nauk SSSR, Biochem, Vol 181,
No 4, Aug 1968, pp 989-992.

CB

Nov 70

Contents of Some Oxidizing Enzymes in the
Nuclear Membrane of Rat-Liver Cells, by
I. B. Zbarskiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem, Vol 181,
No 4, Aug 1968, pp 993-996.
CB

Nov 70

L-Threonine Dehydratase of *Azotobacter vinelandii*,
by L. P. Loseva.

RUSSIAN, per, Dok Ak Nauk SSSR, Biochem, Vol 181,
No 4, Aug 1968, pp 997-1000.

CB

Nov 70